

In the Specification:

On page 15, after line 29, please insert the following new paragraphs:

In one embodiment, the present invention is a printer for printing a first image based on supplied first print data on a printing medium, comprising, an image processor for applying predetermined image processing based on a present setting to the entire first print data; and a printer for printing the entire first image based on the first print data subjected to the image processing on the printing medium, wherein the image processor, when a predetermined operation mode is selected, generates second print data for a frame image obtained by arranging second entire images including an image based on the present setting of several kinds of images obtained by applying image processing settings that are different from each other to the first image, in a predetermined arrangement pattern, and the image processor updates the first image based on the present setting by one of the image processing settings that are different from each other, and generates updated second print data for a frame image obtained by arranging entire images including the updated image based on the present setting and several kinds of images by applying image processing settings that are different from each other in a predetermined arrangement pattern, and the printer prints the frame image based on the second print data on the printing medium. Various other embodiments include, for example, the frame image is formed by arranging said entire first image in the center and arranging said second entire images of several kinds in a predetermined arrangement pattern centering the first image, or the frame image is formed by displaying parameter values set to said first image and said second images of several kinds at predetermined positions respectively corresponding to the first image and the second images of several kinds.

In another embodiment, the present invention is a printer for printing a first image based on supplied first print data on a printing medium, comprising, an operation input device for selecting predetermined image processing for said first print data, an image processor for applying the selected predetermined image processing based on a present setting to said first print data, and a printer for printing said entire first image based on said first print data subjected to said image processing, on said printing medium, wherein, the image processor, when a predetermined operation mode is selected, generates second print data for a frame image formed

by arranging second entire images including an image based on the present setting of several kinds of images obtained by applying image processing settings that are different from each other to said first image, in a predetermined arrangement pattern, and said image processor updates said first image based on the present setting by one of the image processing settings that are different from each other, and generates updated second print data for a frame image obtained by arranging entire images including said updated image based on the present setting and several kinds of images by applying image processing settings that are different from each other in a predetermined arrangement pattern, and said printer prints said frame image based on second print data on said printing medium. In one alternative, the frame image may be, for example, formed by arranging said first entire image in the center and arranging said second entire images of several kinds in said predetermined arrangement pattern centering the first entire image. In another alternative, the frame image is formed by displaying parameter values set to said first image and said second images of several kinds at predetermined positions respectively corresponding to the first image and the second images of several kinds.

In yet another embodiment, the present invention is a printing method of printing a first image based on supplied first print data on a printing medium, comprising, a first step of applying predetermined image processing based on a present setting to said first print data, and a second step of printing said entire first image based on said first print data subjected to said image processing on said printing medium, wherein, in said first step, when a predetermined operation mode is selected, generating second print data for a frame image obtained by arranging second entire images including an image based on the present setting of several kinds of images obtained by applying the image processing settings different from each other to said first image, in a predetermined arrangement pattern, and updating said first image based on the present setting by one of the image processing settings that are different from each other, and generating updated second print data for a frame image obtained by arranging entire images including said updated image based on the present setting and several kinds of images by applying image processing settings that are different from each other in a predetermined arrangement pattern, and in said second step, said frame image based on said second print data is printed on said printing medium. In one alternative, the frame image is formed by arranging said entire first image in the center and arranging said entire second images of several kinds in a predetermined arrangement pattern centering the first image. In another alternative, the frame image is formed

by displaying parameter values set to said first image and said second images of several kinds at predetermined positions respectively corresponding to the first image and the second images of several kinds.

In yet another embodiment the present invention is a printing method of printing a first image based on supplied first print data on a printing medium, comprising, a first step of selecting predetermined image processing for said first print data, a second step of applying the selected predetermined image processing based on a present setting to said first print data, and a third step of printing said entire first image based on said first print data subjected to said image processing, on said printing medium, wherein, in said second step, when a predetermined operation mode is selected in said first step, generating second print data for a frame image formed by arranging second entire images including an image based on the present setting of several kinds of images obtained by applying the image processing settings different from each other to said first image, in a predetermined arrangement pattern, and updating said first image based on the present setting by one of the image processing settings that are different from each other, and generating updated second print data for a frame image obtained by arranging entire images including said updated image based on the present setting and several kinds of images by applying image processing settings that are different from each other in a predetermined arrangement pattern, and in said third step, said frame image based on second print data is printed on said printing medium. The method may include that the frame image is formed by arranging said entire first image in the center and arranging said entire second images of several kinds in said predetermined arrangement pattern centering the first image. In one alternative, the frame image is formed by displaying parameter values set to said first image and said second images of several kinds at predetermined positions respectively corresponding to the first image and the second images of several kinds.

In yet another embodiment, the present invention comprises a printing medium for a printer which prints a first image based on supplied first print data on a printing medium, wherein, said printer comprising, an image processor for applying predetermined image processing based on a present setting to said first print data, and a printer for printing said entire first image based on said first print data subjected to said image processing on said printing medium, wherein the image processor, when a predetermined operation mode is selected, generates second print data for a frame image obtained by arranging second images including an

image based on the present setting of several kinds of images obtained by applying the image processing settings that are different from each other to said first image, in a predetermined arrangement pattern, and said image processor updates said first image based on the present setting by one of the image processing settings that are different from each other, and generates updated second print data for a frame image obtained by arranging entire images including said updated image based on the present setting and several kinds of images by applying image processing settings that are different from each other in a predetermined arrangement pattern, and said printer prints said frame image based on said second print data on said printing medium. An embodiment includes where the frame image is formed by arranging said entire first image in the center and arranging said entire second images of several kinds in a predetermined arrangement pattern centering the first image. Another embodiment includes where the frame image is formed by displaying parameter values set to said first image and said second images of several kinds at predetermined positions respectively corresponding to the first image and the second images of several kinds. Another embodiment includes where the predetermined arrangement pattern is the one in which said entire first image is arranged in the center and said second images of several kinds are arranged centering the first image on the basis of the parameter values of the second images. Another embodiment includes that the parameter value is comprised of the color components of the color adjustment processing for said image, and the parameter value of the second image is the value of the color components changed on the basis of the parameter value of said first image by the color adjustment processing. And, another embodiment includes that the predetermined operation mode represents at least one processing out of color adjustment processing, lightness adjustment processing, masking processing, γ compensation processing, enlargement/reduction processing, sharpness adjustment processing, and trimming processing.

In yet another embodiment, the present invention comprises a method of printing an image comprising, processing image data according to a predetermined first image process based on a present setting to form a first processed image, processing the image data according to at least one other second image process to produce at least one second processed image, printing the entire first processed image and the entire at least one other second processed image in a predetermined pattern on a printing medium, selecting a preferred image from among the images printed on the printing medium, selecting parameter values to adjust parameters of the preferred

image, processing the preferred image according to the selected parameter values, printing the processed preferred image along with at least one image processed according to parameter values different from, but related to, the selected parameter values, and repeating the steps of, selecting a preferred image from among the images printed on the printing medium, selecting parameter values to adjust parameters of the preferred image, processing the preferred image according to the selected parameter values, and printing the processed preferred image along with at least one image processed according to parameter values different from, but related to, the selected parameter values, until a desired image is produced.

In yet another embodiment, the present invention is a printer comprising, an operation input unit, an image processor, and a printing unit, wherein, the image processor generates an entire first image based on parameter values input to the operation input unit and at least one entire second image based on parameter values related to the parameter values input to the input unit, the printing unit prints the entire first image and the at least one entire second image on a printing medium, and a selected image and new parameter values are input to the operation input unit based upon the printed entire first image and the at least one entire second image. In one embodiment, the image processor processes the selected image with the new parameter values, and generates at least one entire third image, based on the input new parameter values. In another embodiment, the printing unit prints the entire processed selected image and the at least one entire third image on a printing medium.

And, in yet another embodiment, the present invention comprises a printer, comprising: an image processor configured to apply a series of image processing settings to a first image to produce a series of second images that include images with a progressively higher image processing setting than the first image and images with a progressively lower image processing setting than the first image; a print section configured to, print the first image on a printing medium, print each second image having progressively higher image processing settings in a first direction relative to the printed first image, and print each second image having progressively lower image processing settings in a second direction relative to the printed first image; and an input section configured to retrieve a user selection of one of the second images; wherein: the image processor is further configured to apply a next series of image processing settings to the selected second image to produce a third set of images; and the print section is further configured to print the selected second image and the third set of images. In one alternative, the image

processing settings comprise at least one of R, G, B, tint, brightness, and sharpness. In another alternative, the image processing settings comprise a tint comprising R, G, and B settings, the second images are printed so as to surround the first image; and the third images are printed so as to surround the selected second image. In yet another alternative, the image processor and print section are configured to repeatedly prepare and print images until a desired image is produced.